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| NEWS 1 | | Web Page URLs for STN Seminar Schedule - N. America |
| NEWS 2 | Dec 17 | The CA Lexicon available in the CAPLUS and CA files |
| NEWS 3 | Feb 06 | Engineering Information Encompass files have new names |
| NEWS 4 | Feb 16 | TOXLINE no longer being updated |
| NEWS 5 | Apr 23 | Search Derwent WPINDEX by chemical structure |
| NEWS 6 | Apr 23 | PRE-1967 REFERENCES NOW SEARCHABLE IN CAPLUS AND CA |
| NEWS 7 | May 07 | DGENE Reload |
| NEWS 8 | Jun 20 | Published patent applications (A1) are now in USPATFULL |
| NEWS 9 | JUL 13 | New SDI alert frequency now available in Derwent's DWPI and DPCI |
| NEWS 10 | Aug 23 | In-process records and more frequent updates now in MEDLINE |
| NEWS 11 | Aug 23 | PAGE IMAGES FOR 1947-1966 RECORDS IN CAPLUS AND CA |
| NEWS 12 | Aug 23 | Adis Newsletters (ADISNEWS) now available on STN |
| NEWS 13 | Sep 17 | IMSworld Pharmaceutical Company Directory name change to PHARMASEARCH |
| NEWS 14 | Oct 09 | Korean abstracts now included in Derwent World Patents Index |
| NEWS 15 | Oct 09 | Number of Derwent World Patents Index updates increased |
| NEWS 16 | Oct 15 | Calculated properties now in the REGISTRY/ZREGISTRY File |
| NEWS 17 | Oct 22 | Over 1 million reactions added to CASREACT |
| NEWS 18 | Oct 22 | DGENE GETSIM has been improved |
| NEWS 19 | Oct 29 | AAASD no longer available |

| | |
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| NEWS EXPRESS | August 15 CURRENT WINDOWS VERSION IS V6.0c, CURRENT MACINTOSH VERSION IS V6.0 (ENG) AND V6.0J (JP), AND CURRENT DISCOVER FILE IS DATED 07 AUGUST 2001 |
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| NEWS INTER | General Internet Information |
| NEWS LOGIN | Welcome Banner and News Items |
| NEWS PHONE | Direct Dial and Telecommunication Network Access to STN |
| NEWS WWW | CAS World Wide Web Site (general information) |

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* * * * * * * * * * * * * * STN Columbus * * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 10:38:44 ON 02 NOV 2001

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FILE 'EMBASE' ENTERED AT 10:39:37 ON 02 NOV 2001
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FILE 'CAPLUS' ENTERED AT 10:39:37 ON 02 NOV 2001
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FILE 'BIOSIS' ENTERED AT 10:39:37 ON 02 NOV 2001
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FILE 'MEDLINE' ENTERED AT 10:39:37 ON 02 NOV 2001

=> s (lac or lactobacillus) and vector
L1         4741 (LAC OR LACTOBACILLUS) AND VECTOR

=> l1 and eukaryot?
L1 IS NOT A RECOGNIZED COMMAND
The previous command name entered was not recognized by the system.
For a list of commands available to you in the current file, enter
"HELP COMMANDS" at an arrow prompt (=>).

=> s l1 and eukaryot?
L2          114 L1 AND EUKARYOT?

=> s l2 and (CMV or cytomegalovirus?)
L3            3 L2 AND (CMV OR CYTOMEGALOVIRUS?)

=> d l3 1-3 ti bib abs

L3   ANSWER 1 OF 3  CAPLUS  COPYRIGHT 2001 ACS
TI   System for generating recombinant viruses by Tn7-mediated transposition in
     E. coli
AN   2001:687363  CAPLUS
DN   135:252770
TI   System for generating recombinant viruses by Tn7-mediated transposition in
     E. coli
IN   Richards, Cynthia Ann; Weiner, Michael Phillip
PA   Glaxo Wellcome Inc., USA
SO   U.S., 35 pp.
     CODEN: USXXAM
DT   Patent
LA   English
FAN.CNT 1
     PATENT NO.        KIND  DATE           APPLICATION NO.   DATE
     ---------------   ----  --------       ---------------   --------
PI   US 6291214         B1   20010918       US 1999-309382    19990510
PRAI US 1998-84936      P    19980511
AB   The present invention provides a system for simple generation of
     recombinant animal viruses.  The system includes a virus homing
     vector and can further comprise a transfer vector.
     These components are used in a system that reduces the no. of cloning
     steps and provides for easier prepn. of a no. of recombinant viruses.  The
     system is exemplified by generating recombinant adenoviruses through
     Tn7-mediated transposition in E. coli by making a low copy no. E. coli
     plasmids contg. a full-length adenoviral genome with lacZatt-Tn7 replacing
     E1 and have been constructed.  These adenovirus plasmid or admid are
     stably maintained in E. coli strain DH10B.  Several transfer
     vectors contg. a mammalian expression cassette flanked by Tn7R and
```

Tn7L are used as donors to transpose the mini-Tn7 into the E1 region of the adenoviral genome. Transposed recombinant admids are readily identified by their .beta.-galactosidase phenotype. Transfection of admid DNA into producer cells enables the efficient prodn. of pure, clonal stocks of infectious adenovirus without successive rounds of plaque purifn.

RE.CNT 11
RE
(1) Berkner, K; Bio Techniques 1988, V6, P616 CAPLUS
(2) Chartier, C; J Virol 1996, V70, P4805 CAPLUS
(3) Colosi; US 6004797 1999 CAPLUS
(4) Crouzet, J; Proc Natl Acad Sci USA 1997, V94, P1414 CAPLUS
(5) He, T; Proc Natl Acad Sci USA 1998, V95, P2509 CAPLUS
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2001 ACS
TI Novel dual **vector** for gene expression in prokaryotic and **eukaryotic** systems
AN 2001:618437 CAPLUS
DN 135:191300
TI Novel dual **vector** for gene expression in prokaryotic and **eukaryotic** systems
IN Sorge, Joseph A.; Padgett, Kerstien A.
PA USA
SO U.S. Pat. Appl. Publ., 28 pp.
CODEN: USXXCO
DT Patent
LA English
FAN.CNT 1

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|---|---|---|---|
| PI US 2001016351 | A1 | 20010823 | US 1997-961888 | 19971031 |

AB The invention concerns an expression **vector** that permits expression of genes and fragments thereof in both prokaryotic and mammalian systems. The invention also pertains to derivs. of such **vector** that contain one or more prokaryotic or **eukaryotic** (esp. mammalian) genes or gene fragments. The invention further pertains to prokaryotic or mammalian cells contg. such an expression **vector** or deriv. The present invention eliminates the need to subclone from one **vector** system to another by combining the features of both **vector** systems into a single **vector**. The invention provides a dual expression **vector** comprising: (A) a cloning site; (B) transcription elements sufficient to permit transcription of a polynucleotide inserted into the cloning site in both a prokaryotic and a **eukaryotic** cell; (C) translation elements sufficient to permit translation of an RNA transcript of the polynucleotide in both a prokaryotic and a **eukaryotic** cell; and (D) replication elements sufficient to permit the replication of the **vector** in both a prokaryotic and a **eukaryotic** cell. The said cloning site is a restriction site which flanked by Eam1104I restriction sites being in inverted orientation with respect of each other.

L3 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2001 ACS
TI Reporter genes for gene expression in **eukaryotes**
AN 1993:442751 CAPLUS
DN 119:42751
TI Reporter genes for gene expression in **eukaryotes**
IN Sidoli, Alessandro; Rossi, Armando; De Rosa, Alfredo; Cannio, Raffaele
PA Primm S.r.l., Italy; Development Biotechnological Processess S.N.C.
SO PCT Int. Appl., 20 pp.
CODEN: PIXXD2
DT Patent

LA English
FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|---|---|---|---|---|
| PI | WO 9310245 | A1 | 19930527 | WO 1992-EP2582 | 19921110 |

W: US
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, SE

PRAI GB 1991-23987 19911112

AB The reporter genes, esp. thermostable .beta.-galactosidase (I) gene of Sulfolobus solfataricus, are used for construction of **vectors** for gene expression in **eukaryotes**. By raising the temp. to inactivate substantially all the other proteins or enzymes activities, the I activity may be easily and accurately detd. Four plasmids contg. the I gene were constructed from pSV2-CAT(1), pRSV-neo(1), and pRC/RSV, and pRC/**CMV**, and transformed into simian CV1 and mouse fibroblast NIH3T3 cells, resp. The I activity was accurately detd. after heating the cell exts. at 70.degree. for 10 mins in the presence of 0.1% SDS.

=> d his

(FILE 'HOME' ENTERED AT 10:38:44 ON 02 NOV 2001)

FILE 'EMBASE, CAPLUS, BIOSIS, MEDLINE' ENTERED AT 10:39:37 ON 02 NOV 2001
L1 4741 S (LAC OR LACTOBACILLUS) AND VECTOR
L2 114 S L1 AND EUKARYOT?
L3 3 S L2 AND (CMV OR CYTOMEGALOVIRUS?)

=>

TI Improving viability of **Lactobacillus** acidophilus and Bifidobacterium spp. in yogurt.

L1 ANSWER 32 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
TI Milk fermented with yogurt cultures and **Lactobacillus** casei compared with yogurt and gelled milk: Influence on intestinal microflora in healthy infants.

L1 ANSWER 33 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
TI Properties of porcine and yogurt **lactobacilli** in relation to lactose intolerance.

L1 ANSWER 34 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
TI Bacteriophage-triggered defense systems: Phage adaptation and design improvements.

L1 ANSWER 35 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
TI The association of yogurt starters with **Lactobacillus** casei DN 114.001 in fermented milk alters the composition and metabolism of intestinal microflora in germ-free rats and in human flora-associated rats.

L1 ANSWER 36 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
TI Pattern of metabolism and composition of the fecal microflora in infants 10 to 18 months old from day care centers.

L1 ANSWER 37 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
TI Replacement of isoleucine-47 by threonine in the HPr protein of Streptococcus salivarius abrogates the preferential metabolism of glucose and fructose over lactose and melibiose but does not prevent the phosphorylation of HPr on serine-46.

L1 ANSWER 38 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
TI Influence of bile on **beta-galactosidase** activity and cell viability of **Lactobacillus** reuteri when subjected to freeze-drying.

L1 ANSWER 39 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
TI Improvement of lactose digestion by humans following injection of unfermented acidophilus milk: Influence of bile sensitivity, lactose transport, and acid tolerance of **Lactobacillus** acidophilus.

L1 ANSWER 40 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
TI In vitro lactose fermentation by human colonic bacteria is modified by **Lactobacillus** acidophilus supplementation.

L1 ANSWER 41 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
TI **Beta-Galactosidase** activity in thermophilic **lactobacilli**: Their potential use as dietary adjunct.

L1 ANSWER 42 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
TI Single-crossover integration in the **Lactobacillus** sake chromosome and insertion inactivation of the ptsI and lacL genes.

L1 ANSWER 43 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
TI Effect of bacterial galactosidase treatment on the nutritional status of soybean seeds and its milk derivative.

L1 ANSWER 44 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
TI Physico-chemical characteristics of Yogurt by **Lactobacillus** spp. from pickles.

L1 ANSWER 45 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
TI The lac operon of **Lactobacillus** casei contains lacT, a gene coding for a protein of the BglG family of transcriptional antiterminators.

L1 ANSWER 46 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
TI **Beta-Galactosidase** activity of **Lactobacillus** spp. from pickles.

L1 ANSWER 47 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
TI Production, purification and characterization of reutericin 6, a bacteriocin with lytic activity produced by **Lactobacillus** reuteri LA6.

L1 ANSWER 48 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
TI Effect of polymers and storage temperature on the stability of freeze-dried lactic acid bacteria.

L1 ANSWER 49 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
TI Structured model for batch culture growth of **Lactobacillus** bulgaricus.

L1 ANSWER 50 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
TI Digestion and tolerance of lactose from yoghurt and different semi-solid fermented dairy products containing **Lactobacillus** acidophilus and bifidobacteria in lactose maldigesters: Is bacterial lactase important.

=> d l1 51-100 ti

L1 ANSWER 51 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
TI Differentiation and identification of human faecal anaerobic bacteria producing **beta-galactosidase** (a new methodology.

L1 ANSWER 52 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
TI Effect of whey protein concentrate on the survival of **Lactobacillus** acidophilus in lactose hydrolysed yoghurt during refrigerated storage.

L1 ANSWER 53 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
TI The effect of cations on the hydrolysis of lactose and the transferase reactions catalysed by **beta-galactosidase** from six strains of lactic acid bacteria.

L1 ANSWER 54 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
TI Protoplast fusion between **Lactobacillus** casei and **Lactobacillus** acidophilus.

L1 ANSWER 55 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
TI The **beta-galactosidase** (Escherichia coli) reaction is partly facilitated by interactions of His-540 with the C6 hydroxyl of galactose.

L1 ANSWER 56 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
TI Coexistence of two kinds of 6-phospho-**beta-galactosidase** in the cytosol of **Lactobacillus** gasseri JCM1031: Purification and characterization of 6-phospho-**beta-galactosidase** II.

L1 ANSWER 57 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
TI Damage of lactic acid bacteria caused by freezing at different freezing

rates.

L1 ANSWER 58 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
TI Construction of an integrative food-grade cloning vector for **Lactobacillus** acidophilus.

L1 ANSWER 59 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
TI The lactose transporter in Leuconostoc lactis is a new member of the LacS subfamily of galactoside-pentose-hexuronide translocators.

L1 ANSWER 60 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
TI Composition of the **Lactobacillus** acidophilus complex isolated from vaginal flora.

L1 ANSWER 61 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
TI Physico-chemical characteristics and **beta-galactosidases** activity of **Lactobacillus** plantarum from kimchi.

L1 ANSWER 62 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
TI Characteristics of **beta-galactosidase** activity in **Lactobacillus** plantarum from kimchi.

L1 ANSWER 63 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
TI Influence of bile sensitivity and lactose transport on improvement of human lactose digestion.

L1 ANSWER 64 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
TI Purification and characterization of 6-phospho-**beta-galactosidase** from **Lactobacillus** gasseri JCM 1031.

L1 ANSWER 65 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
TI Characterization of pepR1, a gene coding for a potential transcriptional regulator of **Lactobacillus** delbrueckii subsp. lactis DSM7290.

L1 ANSWER 66 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
TI Ultrasound-enhanced lactose hydrolysis in milk fermentation with **Lactobacillus** bulgaricus.

L1 ANSWER 67 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
TI Two genes encoding the **beta-galactosidase** of **Lactobacillus** sake.

L1 ANSWER 68 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
TI Survival during frozen and subsequent refrigerated storage of **Lactobacillus** acidophilus cells as influenced by the growth phase.

L1 ANSWER 69 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
TI Evaluation of **beta-galactosidase** activities associated with probiotic lactic acid bacteria by high performance liquid chromatography.

L1 ANSWER 70 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
TI A new mobile genetic element in **Lactobacillus** delbrueckii subsp. bulgaricus.

L1 ANSWER 71 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
TI Expression of a **beta-galactosidase** gene from **Lactobacillus** sake in Escherichia coli.

L1 ANSWER 72 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
TI Effect of Thawing Rate On Survival and Activity of Lactic Acid Bacteria.

L1 ANSWER 73 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
TI Revival and identification of bacterial spores in 25- to 40-million-year-old Dominican amber.

L1 ANSWER 74 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
TI Properties of **Lactobacillus** helveticus CNRZ-32 Attenuated by Spray-Drying, Freeze-Drying, or Freezing.

L1 ANSWER 75 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
TI Influence of bile on **beta-galactosidase** activity of component species of yogurt starter cultures.

L1 ANSWER 76 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
TI Viability and Enzymatic Activity of Bifidobacteria in Milk.

L1 ANSWER 77 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
TI Molecular cloning and nucleotide sequence of the **beta-galactosidase** gene from Enterobacter cloacae GAO.

L1 ANSWER 78 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
TI ISL2, a new mobile genetic element in **Lactobacillus** helveticus.

L1 ANSWER 79 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
TI Dependence of lactose metabolism upon mutarotase encoded in the gal operon in Escherichia coli.

L1 ANSWER 80 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
TI Expression of **Lactobacillus** casei ATCC 393 **beta-galactosidase** encoded by plasmid pLZ15 in Lactococcus lactis CNRZ 1123.

L1 ANSWER 81 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
TI Identification and sequencing of the Thermotoga maritima lacZ gene, part of a divergently transcribed operon.

L1 ANSWER 82 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
TI Cloning and expression of the plasmid encoded beta-D-galactosidase gene from a **Lactobacillus** plantarum strain of dairy origin.

L1 ANSWER 83 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
TI Purification and some properties of **beta-galactosidase** from **Lactobacillus** acidophilus JCM 1229.

L1 ANSWER 84 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
TI Isolation and structural analysis of the phospho-**beta-galactosidase** gene from **Lactobacillus** acidophilus.

L1 ANSWER 85 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
TI Two histidines are essential for the activity of the **beta-galactosidase** from **Lactobacillus** delbrueckii subsp. bulgaricus.

L1 ANSWER 86 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
TI Nucleotide and deduced amino acid sequences of Rhizobium meliloti 102F34 lacZ gene: Comparison with prokaryotic **beta-galactosidases** and human beta-glucuronidase.

L1 ANSWER 87 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
TI Generation and characterization of environmentally sensitive variants of the **beta-galactosidase** from **Lactobacillus** delbrueckii subsp. bulgaricus.

L1 ANSWER 88 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
TI Characterization of two cold-sensitive mutants of the **beta-galactosidase** from **Lactobacillus** delbrueckii subsp. bulgaricus.

L1 ANSWER 89 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
TI High- and low-copy-number Lactococcus shuttle cloning vectors with features for clone screening.

L1 ANSWER 90 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
TI 6-Phospho-**beta-galactosidases** of Gram-positive and 6-phospho-beta-glucosidase B of Gram-negative bacteria: Comparison of structure and function by kinetic and immunological methods and mutagenesis of the lacG gene of Staphylococcus aureus.

L1 ANSWER 91 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
TI Isolation, characterization and nucleotide sequence of the Streptococcus mutans lactose-specific enzyme II (lacE) gene of the PTS and the phospho-**beta-galactosidase** (lacG) gene.

L1 ANSWER 92 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
TI Growth of lactic acid bacteria and bifidobacteria on lactose and lactose-related mono-, di- and trisaccharides and correlation with distribution of **beta-galactosidase** and phospho-**beta-galactosidase**.

L1 ANSWER 93 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
TI Effects of transgalactosylated disaccharides on the human intestinal microflora and their metabolism.

L1 ANSWER 94 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
TI Cloning and characterization of a gene whose product is a trans-activator of anthrax toxin synthesis.

L1 ANSWER 95 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
TI Influence of bile on cellular integrity and **beta-galactosidase** activity of **Lactobacillus** acidophilus.

L1 ANSWER 96 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
TI Engineering enzymes for improved performance in industrial applications.

L1 ANSWER 97 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
TI **Beta-Galactosidase** and 6-phospho-**beta-galactosidase** activities in strains of the **Lactobacillus** acidophilus complex.

L1 ANSWER 98 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
TI Properties of **beta-galactosidase** of **Lactobacillus** kefiranofaciens K-1 isolated from kefir grains.

L1 ANSWER 99 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
TI Lactose metabolism in **Lactobacillus** curvatus and **Lactobacillus** sake.

L1 ANSWER 100 OF 183 BIOSIS COPYRIGHT 2001 BIOSIS
TI LACTOSE METABOLISM AND LACTASE GENE SEq[illegible]pzgR3JF
X,pwR [illegible] - [illegible]RpzgRaRzxR
X,pwR [illegible] - [illegible]R,-kWRaRzmmR
X,pwR [illegible] - [illegible]R4W yuWRaRzxR
X,pwR [illegible] - [illegible]R yqW4RaR)GR

**Search Results -**

| Terms | Documents |
|---|---|
| l7 and erythromycin | 27 |

**Database:** US Patents Full-Text Database; US Pre-Grant Publication Full-Text Database; JPO Abstracts Database; EPO Abstracts Database; Derwent World Patents Index; IBM Technical Disclosure Bulletins

Refine Search: l7 and erythromycin Clear

## Search History

**Today's Date: 11/2/2001**

| DB Name | Query | Hit Count | Set Name |
|---|---|---|---|
| USPT,PGPB,JPAB,EPAB,DWPI,TDBD | l7 and erythromycin | 27 | L9 |
| USPT,PGPB,JPAB,EPAB,DWPI,TDBD | l7 and (rep A) | 0 | L8 |
| USPT,PGPB,JPAB,EPAB,DWPI,TDBD | l6 and lactobacillus | 45 | L7 |
| USPT,PGPB,JPAB,EPAB,DWPI,TDBD | l5 and (cytomegalovirus or CMV) | 1637 | L6 |
| USPT,PGPB,JPAB,EPAB,DWPI,TDBD | l4 and eukaryotic | 4031 | L5 |
| USPT,PGPB,JPAB,EPAB,DWPI,TDBD | l3 and vector | 6555 | L4 |
| USPT,PGPB,JPAB,EPAB,DWPI,TDBD | lac | 9603 | L3 |
| USPT,PGPB,JPAB,EPAB,DWPI,TDBD | lac shuttle vector? | 0 | L2 |
| USPT,PGPB,JPAB,EPAB,DWPI,TDBD | lac shuttle vector? | 0 | L1 |

**Search Results** - Record(s) 1 through 10 of 10 returned.

☐ 1. Document ID: US 5866385 A

L1: Entry 1 of 10 File: USPT Feb 2, 1999

US-PAT-NO: 5866385
DOCUMENT-IDENTIFIER: US 5866385 A

TITLE: Lactic acid bacterial suppressor mutants and their use as selective markers and as means of containment in lactic acid bacteria

DATE-ISSUED: February 2, 1999

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|---|---|---|---|---|
| Dickely; Fran.cedilla.oise | Obernai | | | DKX |
| Johansen; Eric | H.o slashed.rsholm | | | DKX |
| Nilsson; Dan | Copenhagen | | | DKX |
| Hansen; Egon Bech | Br.o slashed.nsh.o slashed.j | | | DKX |

US-CL-CURRENT: 435/6; 426/39, 426/42, 426/52, 426/56, 435/252.1, 435/252.3, 435/252.9, 435/320.1, 435/440, 435/472, 435/476

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw Desc | Image

☐ 2. Document ID: US 5837509 A

L1: Entry 2 of 10 File: USPT Nov 17, 1998

US-PAT-NO: 5837509
DOCUMENT-IDENTIFIER: US 5837509 A

TITLE: Recombinant lactic acid bacterium containing an inserted promoter and method of constructing same

DATE-ISSUED: November 17, 1998

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|---|---|---|---|---|
| Israelsen; Hans | Alleroed | | | DKX |
| Hansen; Egon Bech | Broenshoej | | | DKX |
| Johansen; Eric | Hoersholm | | | DKX |
| Madsen; Soeren Michael | Copenhagen | | | DKX |
| Nilsson; Dan | Copenhagen | | | DKX |
| Vrang; Astrid | Lyngby | | | DKX |

US-CL-CURRENT: 435/91.1; 435/257.3, 435/320.1, 435/473, 435/476, 435/69.1, 435/71.1, 435/853, 536/24.1

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw Desc | Image

☐ 3. Document ID: US 5691185 A

L1: Entry 3 of 10 File: USPT Nov 25, 1997

US-PAT-NO: 5691185
DOCUMENT-IDENTIFIER: US 5691185 A

TITLE: Lactic acid bacterial suppressor mutants and their use as selective markers and as means of containment in lactic acid bacteria

DATE-ISSUED: November 25, 1997

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|---|---|---|---|---|
| Dickely; Fran.cedilla.oise | Obernai | | | FRX |
| Johansen; Eric | H.o slashed.rsholm | | | DKX |
| Nilsson; Dan | Copenhagen | | | DKX |
| Hansen; Egon Bech | Br.o slashed.nsh.o slashed.j | | | DKX |
| Str.o slashed.man; Per | Naerum | | | DKX |

US-CL-CURRENT: 435/252.3; 435/252.9, 435/320.1

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw Desc | Image

☑ 4. Document ID: US 5580787 A

L1: Entry 4 of 10 File: USPT Dec 3, 1996

US-PAT-NO: 5580787
DOCUMENT-IDENTIFIER: US 5580787 A

TITLE: Cloning vector for use in lactic acid bacteria

DATE-ISSUED: December 3, 1996

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|---|---|---|---|---|
| Wessels; Stephen | DK-3060 Espergaerde | | | DKX |
| Josephsen; Jytte | DK-2000 Frederiksberg | | | DKX |
| Vogensen; Finn | DK-3400 Hiller.o slashed.d | | | DKX |
| Nielsen; Egil W. | DK-3500 Kirke Vaerl.o slashed.se | | | DKX |
| von Wright; Atte | Kuopio | | | FIX |
| Tynkkynen; Soile | Espoo | | | FIX |

US-CL-CURRENT: 435/320.1; 424/93.45, 426/34, 435/139, 435/252.3, 435/69.1

Full | Title | Citation | Front | Review | Classification | Date | Reference | KWIC | Draw Desc | Image

☐ 5. Document ID: US 5186962 A

L1: Entry 5 of 10 File: USPT Feb 16, 1993

US-PAT-NO: 5186962
DOCUMENT-IDENTIFIER: US 5186962 A

TITLE: Composition and method for inhibiting pathogens and spoilage organisms in foods

DATE-ISSUED: February 16, 1993

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|---|---|---|---|---|
| Hutkins; Robert W. | Lincoln | NE | | |
| Berry; Elaine D. | Raleigh | NC | | |
| Liewen; Michael B. | Shorewood | MN | | |

US-CL-CURRENT: 426/61; 426/38, 426/40, 426/43

Full | Title | Citation | Front | Review | Classification | Date | Reference | KWIC | Draw Desc | Image

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☐ 6. Document ID: US 5866385 A

L1: Entry 6 of 10 File: EPAB Feb 2, 1999

PUB-NO: US005866385A
DOCUMENT-IDENTIFIER: US 5866385 A
TITLE: Lactic acid bacterial suppressor mutants and their use as selective markers and as means of containment in lactic acid bacteria

PUBN-DATE: February 2, 1999

INVENTOR-INFORMATION:

| NAME | COUNTRY |
|---|---|
| DICKELY, FRANCOISE | DK |
| JOHANSEN, ERIC | DK |
| NILSSON, DAN | DK |
| HANSEN, EGON BECH | DK |

INT-CL (IPC): C12N 1/21; C12N 15/74; A23C 9/123; A23B 7/10
EUR-CL (EPC): C12N015/74

Full | Title | Citation | Front | Review | Classification | Date | Reference | KWIC | Draw Desc | Image

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☐ 7. Document ID: US 5691185 A

L1: Entry 7 of 10 File: EPAB Nov 25, 1997

PUB-NO: US005691185A
DOCUMENT-IDENTIFIER: US 5691185 A
TITLE: Lactic acid bacterial suppressor mutants and their use as selective markers and as means of containment in lactic acid bacteria

PUBN-DATE: November 25, 1997

INVENTOR-INFORMATION:

| NAME | COUNTRY |
|---|---|
| DICKELY, FRAN OISE | FR |
| JOHANSEN, ERIC | DK |
| NILSSON, DAN | DK |
| HANSEN, EGON BECH | DK |
| STROMAN, PER | DK |

INT-CL (IPC): C12N 1/20; C12N 15/74; C12N 15/00
EUR-CL (EPC): C12N015/68; C12N015/74

Full | Title | Citation | Front | Review | Classification | Date | Reference | KWIC | Draw Desc | Image

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☐ 8. Document ID: WO 9510621 A1

L1: Entry 8 of 10 File: EPAB Apr 20, 1995

PUB-NO: WO009510621A1
DOCUMENT-IDENTIFIER: WO 9510621 A1
TITLE: LACTIC ACID BACTERIAL SUPPRESSOR MUTANTS AND THEIR USE AS SELECTIVE MARKERS AND AS MEANS OF CONTAINMENT IN LACTIC ACID BACTERIA

PUBN-DATE: April 20, 1995

INVENTOR-INFORMATION:

| NAME | COUNTRY |
|---|---|
| DICKELY, FRANCOISE | FR |
| JOHANSEN, ERIC | DK |
| NILSSON, DAN | DK |
| HANSEN, EGON BECH | DK |

INT-CL (IPC): C12N 15/74; C12N 15/68; C12N 1/21; A23C 3/08
EUR-CL (EPC): C12N015/68; C12N015/74

Full | Title | Citation | Front | Review | Classification | Date | Reference | KWIC | Draw Desc | Image

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☐ 9. Document ID: WO 9109132 A, EP 506789 A1, AU 645459 B, EP 506789 B1, DE 69007298 E, CA 2072007 C

L1: Entry 9 of 10 File: DWPI Jun 27, 1991

DERWENT-ACC-NO: 1991-208158
DERWENT-WEEK: 200023


TITLE: Cloning vector used in lactic acid bacteria - contg. replication region not functional in E. coli or B. subtilis and marker gene

INVENTOR: JOSEPHSEN, J; NIELSEN, E W ; TYNKKYNEN, S ; VOGENSEN, F ; VON WRIGHT, A ; WESSELS, S ; VONWRIGHT, A

PRIORITY-DATA: 1990WO-DK00337 (December 20, 1990), 1989WO-DK00298 (December 20, 1989)

PATENT-FAMILY:

| PUB-NO | PUB-DATE | LANGUAGE | PAGES | MAIN-IPC |
|---|---|---|---|---|
| WO 9109132 A | June 27, 1991 | | 074 | |
| EP 506789 A1 | October 7, 1992 | E | 042 | C12N015/74 |
| AU 645459 B | January 13, 1994 | | 000 | C12N015/74 |
| EP 506789 B1 | March 9, 1994 | E | 045 | C12N015/74 |
| DE 69007298 E | April 14, 1994 | | 000 | C12N015/74 |
| CA 2072007 C | November 16, 1999 | E | 000 | C12N015/74 |

INT-CL (IPC): A23C 9/12; C12N 1/20; C12N 1/21; C12N 15/74; C12R 1/46; C12N 1/21; C12R 1/46; C12N 1/21; C12R 1/225; C12N 1/21; C12R 1/46; C12N 1/21; C12R 1/225



10. Document ID: WO 9109131 A, US 5580787 A, AU 9049533 A, AU 9170459 A, EP 506789 A1, ES 2062757 T3, IE 66032 B

L1: Entry 10 of 10 File: DWPI Jun 27, 1991

DERWENT-ACC-NO: 1991-208157
DERWENT-WEEK: 199703


TITLE: Food-grade cloning vector used in lactic acid bacteria - comprises replication region and bacteriocin e.g. nisin resistance determinant as selectable marker

INVENTOR: JOSEPHSEN, J; NIELSEN, E W ; TYNKKYNEN, S ; VOGENSEN, F ; VON WRIGHT, A ; WESSELS, S ; NIELSEN, E

PRIORITY-DATA: 1989WO-DK00298 (December 20, 1989), 1990WO-DK00337 (December 20, 1990)

PATENT-FAMILY:

| PUB-NO | PUB-DATE | LANGUAGE | PAGES | MAIN-IPC |
|---|---|---|---|---|
| WO 9109131 A | June 27, 1991 | | 000 | |
| US 5580787 A | December 3, 1996 | | 022 | C12N015/09 |
| AU 9049533 A | July 18, 1991 | | 000 | |
| AU 9170459 A | July 18, 1991 | | 000 | |
| EP 506789 A1 | October 7, 1992 | E | 042 | C12N015/74 |
| ES 2062757 T3 | December 16, 1994 | | 000 | C12N015/74 |
| IE 66032 B | November 29, 1995 | | 000 | C12N015/74 |

INT-CL (IPC): C12N 1/21; C12N 15/09; C12N 15/63; C12N 15/74; C12P 7/56; C12N 1/21; C12R 1/46; C12N 1/21; C12R 1/225

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